CLAIMS

1. A moulded breast cup for a brassiere including

a moulded to a cup form and laminated structure of a first panel of a flexible foam material and a second panel of flexible material, said first and second panels being substantially coextensive to each other and define a breast cup perimeter shape,

wherein said first panel of flexible foam material is of varying thickness, providing a zone of greater thickness at a region or regions away from said perimeter more than regions of lesser thickness more proximate to said perimeter.

2. A moulded breast cup as claimed in claim 1 wherein said second panel is a flexible foam material.

3. A moulded breast cup as claimed in claim 1 wherein said second panel is a flexible fabric material.

4. A moulded breast cup as claimed in claim 1 wherein said zone of greater thickness is located at where, in use, a nipple of the wearer of said brassiere incorporating said breast cup is normally located.

5. A moulded breast cup as claimed in claim 1 wherein said first panel is of a uniform thickness save for at said zone of greater thickness.

6. A moulded breast cup as claimed in claim 1 wherein said first panel is of a uniform thickness save for at said zone of greater thickness, the zone of greater thickness having a maximum thickness at the center of said zone and being of a gradually reducing thickness towards the perimeter of the zone.

7. A moulded breast cup as claimed in claim 5 wherein the transition of thickness between said zone of greater thickness and said uniform thickness region of said first panel of flexible foam material is without sudden thickness change.

8. A moulded breast cup as claimed in claim 5 wherein said transition of thickness between said zone of greater thickness and said uniform thickness region of said first panel of flexible foam material is with of a smooth transition.

9. A moulded breast cup as claimed in claim 1 wherein said first panel has said varying thickness introduced by a contouring (in addition to contouring consequent of said cup form) of a first major side thereof, the second major side thereof being uncontoured other than having been formed to said cup shape.

10. A moulded breast cup as claimed in claim 9 wherein said first major side of said first panel is disposed to the second panel.

11. A moulded breast cup as claimed in claim 9 wherein said first major side of said first panel is engaged to the second panel.

12. A moulded breast cup as claimed in claim 1 wherein said first panel is engaged to the second panel.

13. A moulded breast cup as claimed in claim 1 wherein said first panel is a unitary panel.

14. A moulded breast cup as claimed in claim 1 wherein said first panel consists of a first ply of foam material of a uniform thickness and a second ply of material engaged therewith in a manner to create said zone of greater thickness.

15. A moulded breast cup as claimed in claim 14 wherein said second ply is of a foam material.

16. A moulded breast cup as claimed in claim 1 wherein a first panel of fabric material overlies said assembly to the concave said of its said cup shape.

17. A moulded breast cup as claimed in claim 16 wherein said first panel of fabric material is laminated to one of said first panel of flexible foam material and second panel.

18. A moulded breast cup as claimed in claim 1 wherein a second panel of fabric material overlies said assembly to the convex said of said cup shape.

19. A moulded breast cup as claimed in claim 18 wherein said second panel of fabric material is laminated to the other of said first flexible foam material and said second panel.

20. A moulded breast cup as claimed in claim in 1 wherein said first panel is disposed to the concave side of said cup shape and said second panel is disposed to the convex side of said cup shape.

21. A moulded breast cup as claimed in claim in 1 wherein said first panel is disposed to the convex side of said cup shape and said second panel is disposed to the concave side of said cup shape.

22. A moulded breast cup as claimed in claim in 1 wherein said first panel is disposed to the concave side of said cup shape and said second panel is disposed to the convex side of said cup shape.

23. A moulded breast cup as claimed in claim in 1 wherein said first and second panels contain no seams, lines of stitching inward of a region immediately adjacent said perimeter.

24. A moulded breast cup as claimed in claim in 1 containing no seams, lines of stitching inward of a region immediately adjacent said perimeter.

25. A brassiere incorporating a breast cup as claimed in claim 1.

26. A method of forming a moulded breast cup comprising

laminating (a) a first planar panel of a flexible foam material which is of varying thickness such having been defined by a removal to form a contouring of material from a first major surface of said first planar panel to create a zone which is of greater thickness at a region or regions away from the perimeter more, than at regions of lesser thickness more proximate to said perimeter, with (b) a second panel of flexible material wherein said second panel is disposed to the first major side of said first panel, to form a coextensive planar assembly

moulding said planar assembly to define a cup shape into said planar assembly

removing any excess non cup shape defined regions from said assembly.

27. A method of forming a moulded breast cup comprising

laminating (a) a first planar panel of a first ply of flexible foam material and a second ply of flexible foam material engaged to a first major sided of said first ply said first panel is of varying thickness such having been defined by the provision of said second ply to said first ply to create a zone which is of greater thickness at a region or regions away from the perimeter more, than at regions of lesser thickness more proximate to said perimeter, with (b) a second panel of flexible material wherein said second panel is disposed to the first major side of said first panel, to form a coextensive planar assembly

moulding said planar assembly to define a cup shape into said planar assembly

removing any excess non cup shape defined regions from said assembly.